

	A	B	C	D	E	F	G	H	I
1	ND & Less than ND = 1/2 MDL	Sample Start Date	13-Nov-18	16-Nov-18	19-Nov-18	23-Nov-18	25-Nov-18	28-Nov-18	1-Dec-18
2	Rolling average from 11/13/18 to present	Sample End Date	14-Nov-18	17-Nov-18	20-Nov-18	24-Nov-18	26-Nov-18	29-Nov-18	2-Dec-18
3	SAMPLENAME	Rolling avg ($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)						
4	Gower ES	0.313		0.164	0.202	0.411	0.474	0.464	
5	Gower MS	0.284		0.155	0.197	0.360	0.656	0.140	
6	Hinsdale South HS	0.352		0.253		0.665	0.376	0.629	
7	Watertower	0.449		0.246	0.893		0.699	0.0409	
8	WB Village Hall	2.34	0.824	6.21	0.284	4.10	1.83	1.79	
9	WB Warehouse	2.21	2.37	1.81	6.62	0.180		0.694	0.456
10	West Neighborhood	0.353		0.125	0.205	0.261	0.041	0.804	
11	Willow Pond Park	0.245		0.105	0.286	0.345	0.455	0.211	
12									
13	Average RPD for collocates =	19.3%	NA	0.0%	3.2%	NA	NA	129%	12.0%
14	Average CV for collocates =	13.7%	NA	0.0%	2.3%	NA	NA	91.0%	8.5%
15									
16	Collocate criteria ± 25 RPD for compounds >5 times the MDL = NA								
17	Not Applicable =	NA							
18									
19	Relative Percent Difference =	RPD							
20									
21	METHOD DETECTION LIMIT								
22	Method detection limit (ppbv) = 0.0453	0.0453							
23	Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0819							
24	1/2 Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0409							
25									
26	Mol. Weight	44.1							
27	Factor	1.81							

	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	6-Dec-18	7-Dec-18	10-Dec-18	13-Dec-18	16-Dec-18	19-Dec-18	22-Dec-18	26-Dec-18	28-Dec-18	2-Jan-19	3-Jan-19	6-Jan-19	9-Jan-19
2	7-Dec-18	8-Dec-18	11-Dec-18	14-Dec-18	17-Dec-18	20-Dec-18	23-Dec-18	27-Dec-18	29-Dec-18	3-Jan-19	4-Jan-19	7-Jan-19	10-Jan-19
3	($\mu\text{g}/\text{m}^3$)												
4	0.0409	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.6326	0.249	
5	0.605	0.112	0.0409	0.255	0.593	0.360	0.522	0.0409	0.175	0.0409	0.041	0.0409	0.354
6	0.486	0.0409	0.213	0.244	0.511	0.267	0.376	0.566	0.264	0.0409	0.4283	0.249	0.295
7	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151		0.0409	0.041	0.0409	0.0409
8	5.39	0.780	0.302	2.09	0.871	0.429	0.981	10.7	0.672	0.251	0.314	7.10	3.81
9	11.1	2.26	0.336	0.436	2.15	0.345	2.83		1.31	0.316	0.041	0.0409	0.685
10	0.254	0.0409	0.213	1.06	0.604	0.197	0.235	1.17	0.0409	0.0409	0.0409	1.56	0.115
11	0.041	0.403	0.0409	0.365	0.334	0.546	0.116	0.166	0.0409	0.217	0.0409	0.0409	0.219
12													
13	10.9%	10.9%	NA	4.3%	3.4%	NA	18.5%	2.9%	18.0%	NA	NA	13.7%	NA
14	7.7%	7.7%	NA	3.1%	2.4%	NA	13.1%	2.0%	12.7%	NA	NA	9.7%	NA
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	12-Jan-19	15-Jan-19	18-Jan-19	22-Jan-19	24-Jan-19	27-Jan-19	1-Feb-19	2-Feb-19	5-Feb-19	8-Feb-19	11-Feb-19	14-Feb-19	17-Feb-19
2	13-Jan-19	16-Jan-19	19-Jan-19	23-Jan-19	25-Jan-19	28-Jan-19	2-Feb-19	3-Feb-19	6-Feb-19	9-Feb-19	12-Feb-19	15-Feb-19	18-Feb-19
3	($\mu\text{g}/\text{m}^3$)												
4	0.237	0.0409	0.0409										
5	0.0409	0.918	1.66										
6	0.264	0.239	0.134										
7	0.307	0.0409	0.316										
8	1.61	0.672	0.554										
9	0.0409	14.3	13.1										
10	0.727	0.119	0.151										
11	0.0409	0.107	0.144										
12													
13	5.1%	0.6%	13.4%										
14	3.6%	0.4%	9.5%										
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

	AJ	AK
1	20-Feb-19	23-Feb-19
2	21-Feb-19	24-Feb-19
3	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)
4		
5		
6		
7		
8		
9		
10		
11		
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21		
22		
23		
24		
25		
26		
27		

	A	B	C	D	E	F	G	H	I
1		Sample Start Date	13-Nov-18	16-Nov-18	19-Nov-18	23-Nov-18	25-Nov-18	28-Nov-18	1-Dec-18
2		Sample End Date	14-Nov-18	17-Nov-18	20-Nov-18	24-Nov-18	26-Nov-18	29-Nov-18	2-Dec-18
3	SAMPLENAME		(ppbv)						
4	Gower ES	REPORTED VALUES REPORTED IN PPBV	--	--	0.0907	0.112	0.228	0.262	0.257
5	Gower MS		--	--	0.0860	0.109	0.199	0.363	0.0776
6	Hinsdale South HS		--	--	0.140	Invalid	0.368	0.208	0.348
7	Watertower		--	--	0.136	0.494	Invalid	0.387	ND
8	WB Village Hall		Invalid	0.456	3.38	0.157	2.27	1.01	0.931
9	WB Warehouse		1.31	1.00	3.66	0.0994	Invalid	0.137	0.252
10	West Neighborhood		--	--	0.0691	0.114	0.145	ND	0.445
11	Willow Pond Park		--	--	0.0580	0.158	0.191	0.252	0.117
12									
13	Gower ES C2	REPORTED VALUES REPORTED IN PPBV	--	--	--	--	--	--	--
14	Gower MS C2		--	--	--	--	--	--	--
15	Hinsdale South HS C2		--	--	--	--	--	--	--
16	Watertower C2		--	--	--	--	--	--	--
17	WB Village Hall C2		--	--	3.49	--	--	--	1.05
18	WB Warehouse C2		--	1.00	--	Invalid	Invalid	0.631	--
19	West Neighborhood C2		--	--	--	--	--	--	--
20	Willow Pond Park C2		--	--	--	--	--	--	--
21									
22									
23			($\mu\text{g}/\text{m}^3$)						
24	Gower ES	REPORTED VALUES REPORTED IN $\mu\text{g}/\text{m}^3$	--	--	0.164	0.202	0.411	0.474	0.464
25	Gower MS		--	--	0.155	0.197	0.360	0.656	0.140
26	Hinsdale South HS		--	--	0.253	Invalid	0.665	0.376	0.629
27	Watertower		--	--	0.246	0.893	Invalid	0.699	ND
28	WB Village Hall		--	0.824	6.11	0.284	4.10	1.83	1.68
29	WB Warehouse		2.37	1.81	6.62	0.18	Invalid	0.248	0.456
30	West Neighborhood		--	--	0.125	0.205	0.261	ND	0.804
31	Willow Pond Park		--	--	0.105	0.286	0.345	0.455	0.211
32									
33	Gower ES C2	REPORTED VALUES	--	--	--	--	--	--	--
34	Gower MS C2		--	--	--	--	--	--	--
35	Hinsdale South HS C2		--	--	--	--	--	--	--
36	Watertower C2		--	--	--	--	--	--	--

	A	B	C	D	E	F	G	H	I
37	WB Village Hall C2	REPORTED IN µg/m3	--	--	6.31	--	--	--	1.90
38	WB Warehouse C2		--	1.81	--	Invalid	Invalid	1.14	--
39	West Neighborhood C2		--	--	--	--	--	--	--
40	Willow Pond Park C2		--	--	--	--	--	--	--
41									
42									
43									
44									
45	ND & Less than ND = 1/2 MDL		0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409
46		Rolling avg							
47	SAMPLENAME	(µg/m ³)							
48	Gower ES	0.3135			0.164	0.202	0.411	0.474	0.464
49	Gower MS	0.2836			0.155	0.197	0.360	0.656	0.140
50	Hinsdale South HS	0.3523			0.253		0.665	0.376	<u>0.629</u>
51	Watertower	0.4492			0.246	0.893		0.699	0.0409
52	WB Village Hall	2.34		0.824	6.11	0.284	4.10	1.83	1.68
53	WB Warehouse	2.24	2.37	1.81	6.62	0.1797		0.248	0.456
54	West Neighborhood	0.3533			0.125	0.205	0.261	0.0409	<u>0.804</u>
55	Willow Pond Park	0.2447			0.105	0.286	0.345	0.455	0.211
56									
57	Gower ES C2	#DIV/0!							
58	Gower MS C2	#DIV/0!							
59	Hinsdale South HS C2	#DIV/0!							
60	Watertower C2	#DIV/0!							
61	WB Village Hall C2	3.67			6.31				1.90
62	WB Warehouse C2	2.52		1.81					1.14
63	West Neighborhood C2	#DIV/0!							
64	Willow Pond Park C2	#DIV/0!							
65									
66	RPD between Samples & Collocate			RPD	RPD	RPD	RPD	RPD	RPD
67	SAMPLENAME			RPD	RPD	RPD	RPD	RPD	RPD
68									
69	Gower ES C2	#DIV/0!	--	--	--	--	--	--	--
70	Gower MS C2	#DIV/0!	--	--	--	--	--	--	--
71	Hinsdale South HS C2	#DIV/0!	--	--	--	--	--	--	--
72	Watertower C2	#DIV/0!	--	--	--	--	--	--	--

	A	B	C	D	E	F	G	H	I
73	WB Village Hall C2	6.7%	--	--	3.2%	NA	--	--	12.0%
74	WB Warehouse C2	29.9%	--	0.0%	--	--	--	129%	--
75	West Neighborhood C2	#DIV/0!	--	--	--	--	--	--	--
76	Willow Pond Park C2	#DIV/0!	--	--	--	--	--	--	--
77	Average RPD for collocates =	19.3%	NA	0.0%	3.2%	NA	NA	129%	12.0%
78	Average CV for collocates =	13.7%	NA	0.0%	2.3%	NA	NA	91.0%	8.5%
79									
80	Collocate criteria ±25 RPD for compounds >5 times the MDL = NA								
81	No sample rec'd in lab =	---							
82	Sample Was Invalid =	Invalid							
83	Nondetect =	ND							
84	Not Applicable =	NA							
85	<i>Italicized</i> =	Under the MDL							
86	<i>Bold</i> =	Diluted							
87	<u>Underlined</u> =	Co-eluter							
88									
89	Relative Percent Difference =	RPD							
90		= $[(C1-C2)/(average(C1,C2)) \times 100]$							
91	C1 =	Primary Sample							
92	C2 =	Collocated Sample							
93		METHOD DETECTION LIMIT							
94	Method detection limit (ppbv) =	0.0453	0.0453						
95	Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0819							
96	1/2 Method detection limit ($\mu\text{g}/\text{m}^3$) =	0.0409							
97	Method detection limit $\times 5$ ($\mu\text{g}/\text{m}^3$) =	0.4094							
98	Mol. Weight Factor	44.1							
99		1.81							

	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	6-Dec-18	7-Dec-18	10-Dec-18	13-Dec-18	16-Dec-18	19-Dec-18	22-Dec-18	26-Dec-18	28-Dec-18	2-Jan-19	3-Jan-19	6-Jan-19	9-Jan-19
2	7-Dec-18	8-Dec-18	11-Dec-18	14-Dec-18	17-Dec-18	20-Dec-18	23-Dec-18	27-Dec-18	29-Dec-18	3-Jan-19	4-Jan-19	7-Jan-19	10-Jan-19
3	(ppbv)												
4	ND	0.0909	0.0766	0.222	0.405	0.172	0.199	0.275	0.0734	0.116	0.350	0.138	Invalid
5	0.335	0.0622	ND	0.141	0.328	0.199	0.289	ND	0.0970	ND	ND	ND	0.196
6	0.269	ND	0.118	0.135	0.283	0.148	0.208	0.313	0.146	ND	0.237	0.138	0.163
7	0.215	0.151	0.137	0.117	0.296	0.925	0.244	0.0835	Invalid	ND	ND	ND	ND
8	2.98	0.408	0.167	1.13	0.482	0.288	0.543	5.99	0.372	0.139	0.206	4.20	2.11
9	6.48	1.25	0.149	0.241	1.17	0.191	1.71	Invalid	0.788	0.131	ND	ND	Invalid
10	0.140	ND	0.118	0.589	0.334	0.109	0.130	0.649	ND	ND	ND	0.865	0.0634
11	ND	0.223	ND	0.202	0.185	0.302	0.0641	0.0916	ND	0.120	ND	ND	0.121
12													
13	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	0.455	--	1.18	--	0.187	--	5.82	--	--	0.142	3.66	--
18	5.81	--	0.223	--	1.21	--	1.42	--	0.658	0.219	--	--	0.379
19	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--
21													
22													
23	($\mu\text{g}/\text{m}^3$)												
24	ND	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.633	0.249	Invalid
25	0.605	0.112	ND	0.255	0.593	0.360	0.522	ND	0.175	ND	ND	ND	0.354
26	0.486	ND	0.213	0.244	0.511	0.267	0.376	0.566	0.264	ND	0.428	0.249	0.295
27	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151	Invalid	ND	ND	ND	ND
28	5.39	0.737	0.30	2.04	0.871	0.521	0.981	10.8	0.672	0.251	0.372	7.59	3.81
29	11.7	2.26	0.269	0.436	2.11	0.345	3.09	Invalid	1.42	0.237	ND	ND	Invalid
30	0.254	ND	0.213	1.06	0.604	0.197	0.235	1.17	ND	ND	ND	1.56	0.115
31	ND	0.403	ND	0.365	0.334	0.546	0.116	0.166	ND	0.217	ND	ND	0.219
32													
33	--	--	--	--	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--	--	--	--	--

	J	K	L	M	N	O	P	Q	R	S	T	U	V
37	--	0.822	--	2.13	--	0.338	--	10.5	--	--	0.257	6.62	--
38	10.5	--	0.403	--	2.19	--	2.57	--	1.19	0.396	--	--	0.685
39	--	--	--	--	--	--	--	--	--	--	--	--	--
40	--	--	--	--	--	--	--	--	--	--	--	--	--
41													
42													
43													
44													
45	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409
46													
47	($\mu\text{g}/\text{m}^3$)												
48	0.0409	0.164	0.138	0.401	0.732	0.311	0.360	0.497	0.133	0.210	0.6326	0.249	
49	0.605	0.112	0.0409	0.255	0.593	0.360	0.522	0.0409	0.175	0.0409	0.041	0.0409	0.354
50	0.486	0.0409	0.213	0.244	0.511	0.267	0.376	0.566	0.264	0.0409	0.4283	0.249	0.295
51	0.389	0.273	0.248	0.211	0.535	1.67	0.441	0.151		0.0409	0.041	0.0409	0.0409
52	5.39	0.737	0.302	2.04	0.871	0.521	0.981	10.8	0.672	0.251	0.3723	7.59	3.81
53	11.7	2.26	0.269	0.436	2.11	0.345	3.09		1.42	0.237	0.041	0.0409	
54	0.254	0.0409	0.213	1.06	0.604	0.197	0.235	1.17	0.0409	0.0409	0.0409	1.56	0.115
55	0.0409	0.403	0.0409	0.365	0.334	0.546	0.116	0.166	0.0409	0.217	0.0409	0.0409	0.219
56													
57													
58													
59													
60													
61		0.822		2.13		0.338		10.5			0.257	6.62	
62	10.5		0.403		2.19		2.57		1.19	0.396			0.685
63													
64													
65													
66													
67	RPD												
68													
69	--	--	--	--	--	--	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--	--	--	--	--	--	--

	J	K	L	M	N	O	P	Q	R	S	T	U	V
73	--	10.9%	--	4.3%	--	NA	--	2.9%	--	--	NA	13.7%	--
74	10.9%	--	NA	--	3.4%	--	18.5%	--	18.0%	NA	--	--	NA
75	--	--	--	--	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--	--	--	--	--
77	10.9%	10.9%	NA	4.3%	3.4%	NA	18.5%	2.9%	18.0%	NA	NA	13.7%	NA
78	7.7%	7.7%	NA	3.1%	2.4%	NA	13.1%	2.0%	12.7%	NA	NA	9.7%	NA
79													
80													
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98													
99													

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	12-Jan-19	15-Jan-19	18-Jan-19	22-Jan-19	24-Jan-19	27-Jan-19	1-Feb-19	2-Feb-19	5-Feb-19	8-Feb-19	11-Feb-19	14-Feb-19	17-Feb-19
2	13-Jan-19	16-Jan-19	19-Jan-19	23-Jan-19	25-Jan-19	28-Jan-19	2-Feb-19	3-Feb-19	6-Feb-19	9-Feb-19	12-Feb-19	15-Feb-19	18-Feb-19
3	(ppbv)												
4	0.131	ND	ND										
5	ND	0.508	0.919										
6	0.146	0.132	0.0743										
7	0.170	ND	0.175										
8	0.866	0.372	0.286										
9	ND	7.86	7.23										
10	0.402	0.0660	0.0835										
11	ND	0.0594	0.0795										
12													
13	--	--	--	--	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--	--	--	--	--
17	0.911	--	0.327	--	--	--	--	--	--	--	--	--	--
18	--	7.91	--	--	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--	--	--	--	--
21													
22													
23	($\mu\text{g}/\text{m}^3$)												
24	0.237	ND	ND										
25	ND	0.918	1.66										
26	0.264	0.239	0.134										
27	0.307	ND	0.316										
28	1.57	0.672	0.517										
29	ND	14.2	13.1										
30	0.727	0.119	0.151										
31	ND	0.107	0.144										
32													
33	--	--	--	--	--	--	--	--	--	--	--	--	--
34	--	--	--	--	--	--	--	--	--	--	--	--	--
35	--	--	--	--	--	--	--	--	--	--	--	--	--
36	--	--	--	--	--	--	--	--	--	--	--	--	--

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
37	1.65	--	0.591	--	--	--	--	--	--	--	--	--	--
38	--	14.3	--	--	--	--	--	--	--	--	--	--	--
39	--	--	--	--	--	--	--	--	--	--	--	--	--
40	--	--	--	--	--	--	--	--	--	--	--	--	--
41													
42													
43													
44													
45	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409	0.0409
46													
47	($\mu\text{g}/\text{m}^3$)												
48	0.237	0.0409	0.0409										
49	0.0409	0.918	1.66										
50	0.264	0.239	0.134										
51	0.307	0.0409	0.316										
52	1.57	0.672	0.517										
53	0.0409	14.2	13.1										
54	0.727	0.119	0.151										
55	0.0409	0.107	0.144										
56													
57													
58													
59													
60													
61	1.65		0.591										
62		14.3											
63													
64													
65													
66													
67	RPD												
68													
69	--	--	--	--	--	--	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--	--	--	--	--	--	--

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
73	5.1%	--	13.4%	--	--	--	--	--	--	--	--	--	--
74	--	0.6%	--	--	--	--	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--	--	--	--	--	--	--
77	5.1%	0.6%	13.4%										
78	3.6%	0.4%	9.5%										
79													
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95													
96													
97													
98													
99													

	AJ	AK
1	20-Feb-19	23-Feb-19
2	21-Feb-19	24-Feb-19
3	(ppbv)	(ppbv)
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5		
6		
7		
8		
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12	--	--
13	--	--
14	--	--
15	--	--
16	--	--
17	--	--
18	--	--
19	--	--
20	--	--
21		
22		
23	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)
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26		
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31		
32	--	--
33	--	--
34	--	--
35	--	--
36	--	--

	AJ	AK
37	--	--
38	--	--
39	--	--
40	--	--
41		
42		
43		
44		
45	0.0409	0.0409
46		
47	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)
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49		
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66		
67	RPD	RPD
68		
69	--	--
70	--	--
71	--	--
72	--	--

	AJ	AK
73	--	--
74	--	--
75	--	--
76	--	--
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SAMPLENAME	LABSAMPID	SAMPDATE	PREPDATE	ANADATE	ANALYTE	CASNUMBER
WB Trip Blank	8111508-04	11/14/2018	11/14/2018	11/27/2018	Ethylene oxide	75-21-8
Trip Blank	8121130-10	12/6/2018	12/6/2018	12/28/2018	Ethylene oxide	75-21-8
Trip Blank	8121821-02	12/14/2018	12/14/2018	12/28/2018	Ethylene oxide	75-21-8

RESULT	ANOTE	DL	UNITS	LABNAME
ND	U	0.0453	ppbv	Eastern Research Group
ND	A-01	0.0453	ppbv	Eastern Research Group
ND	U	0.0453	ppbv	Eastern Research Group

COMMENT

Trip Blank passed blank criteria; standard dilution system air used to fill trip blank appears to have small amount of TO-15

QCDATA

	A	B	C	D	E	F	G
1	SOURCEID	QCTYPE	PREPDATE	ANADATE	ANALYTE	RESULT	ANOTE
2	8112012-02	Replicate	11/17/2018	11/27/2018	Ethylene oxide	0.999	
3	8112012-03	Replicate	11/17/2018	11/27/2018	Ethylene oxide	1.03	
4	8112113-01	Replicate	11/20/2018	11/27/2018	Ethylene oxide	3.37	
5	8112113-02	Replicate	11/20/2018	11/27/2018	Ethylene oxide	3.4	
6	B8K2604-BLK1	Blank	11/20/2018	11/26/2018	Ethylene oxide	ND	U
7	B8K2704-BLK1	Blank	11/20/2018	11/27/2018	Ethylene oxide	ND	U
8	1811061-CCV1	Calibration Check	11/26/2018	11/26/2018	Ethylene oxide	2.79	
9	1811063-CCV1	Calibration Check	11/27/2018	11/27/2018	Ethylene oxide	2.74	
10	8112702-07	Replicate	11/24/2018	11/30/2018	Ethylene oxide	ND	U
11	B8K2905-BLK1	Blank	11/26/2018	11/29/2018	Ethylene oxide	ND	U
12	1811073-CCV1	Calibration Check	11/29/2018	11/29/2018	Ethylene oxide	2.67	
13	8120321-02	Replicate	11/29/2018	12/20/2018	Ethylene oxide	0.584	
14	8120321-01	Replicate	11/29/2018	12/20/2018	Ethylene oxide	0.137	
15	B8L2003-BLK1	Blank	12/13/2018	12/20/2018	Ethylene oxide	ND	U
16	1812045-CCV1	Calibration Check	12/20/2018	12/20/2018	Ethylene oxide	2.06	
17	8120701-08	Replicate	12/2/2018	12/22/2018	Ethylene oxide	0.93	
18	8120701-09	Replicate	12/2/2018	12/22/2018	Ethylene oxide	1.02	
19	B8L2103-BLK1	Blank	12/18/2018	12/21/2018	Ethylene oxide	ND	U
20	1812046-CCV1	Calibration Check	12/21/2018	12/21/2018	Ethylene oxide	2.1	
21	8121130-01	Replicate	12/7/2018	12/27/2018	Ethylene oxide	6.36	
22	8121130-02	Replicate	12/7/2018	12/27/2018	Ethylene oxide	6.2	
23	8121130-12	Replicate	12/8/2018	12/28/2018	Ethylene oxide	0.413	
24	8121130-13	Replicate	12/8/2018	12/28/2018	Ethylene oxide	0.465	
25	8121220-08	Replicate	12/11/2018	12/27/2018	Ethylene oxide	0.117	
26	8121220-09	Replicate	12/11/2018	12/27/2018	Ethylene oxide	0.211	
27	8121821-03	Replicate	12/14/2018	12/28/2018	Ethylene oxide	1.05	
28	8121821-04	Replicate	12/14/2018	12/28/2018	Ethylene oxide	1.13	
29	8121821-10	Replicate	12/17/2018	1/3/2019	Ethylene oxide	1.15	
30	8121821-17	Replicate	12/17/2018	1/3/2019	Ethylene oxide	1.07	
31	8122101-01	Replicate	12/20/2018	1/3/2019	Ethylene oxide	0.215	
32	8122101-07	Replicate	12/20/2018	1/3/2019	Ethylene oxide	0.249	
33	8122701-03	Replicate	12/23/2018	1/4/2019	Ethylene oxide	1.69	
34	8122701-04	Replicate	12/23/2018	1/4/2019	Ethylene oxide	1.56	
35	8122801-08	Replicate	12/27/2018	1/5/2019	Ethylene oxide	6.1	
36	8122801-09	Replicate	12/27/2018	1/5/2019	Ethylene oxide	6.1	
37		Blank	12/18/2018	12/26/2018	Ethylene oxide	ND	U
38		Blank	12/18/2018	12/27/2018	Ethylene oxide	ND	U
39		Blank	12/18/2018	12/28/2018	Ethylene oxide	ND	U
40		Blank	12/18/2018	1/2/2019	Ethylene oxide	ND	U
41		Blank	12/28/2018	1/3/2019	Ethylene oxide	ND	U
42		Blank	12/28/2018	1/4/2019	Ethylene oxide	ND	U
43		Calibration Check	12/21/2018	12/21/2018	Ethylene oxide	2.1	
44		Calibration Check	12/26/2018	12/26/2018	Ethylene oxide	2.01	
45		Calibration Check	12/27/2018	12/27/2018	Ethylene oxide	1.82	
46		Calibration Check	12/28/2018	12/28/2018	Ethylene oxide	1.79	
47		Calibration Check	1/2/2019	1/2/2019	Ethylene oxide	1.84	
48		Calibration Check	1/3/2019	1/3/2019	Ethylene oxide	1.93	
49		Calibration Check	1/4/2019	1/4/2019	Ethylene oxide	1.99	
50	8123125-05	Replicate	12/29/2018	1/8/2019	Ethylene oxide	0.686	
51	8123125-06	Replicate	12/29/2018	1/8/2019	Ethylene oxide	0.647	

QCDATA

	A	B	C	D	E	F	G
52		Blank	12/28/2018	1/4/2019	Ethylene oxide	ND	U
53		Blank	1/3/2019	1/8/2019	Ethylene oxide	ND	U
54		Calibration Check	1/4/2019	1/4/2019	Ethylene oxide	1.99	
55		Calibration Check	1/8/2019	1/8/2019	Ethylene oxide	2.49	
56	9010401-04	Replicate	1/3/2019	1/15/2019	Ethylene oxide	0.229	
57	9010401-09	Replicate	1/3/2019	1/15/2019	Ethylene oxide	0.171	
58		Blank	1/11/2019	1/15/2019	Ethylene oxide	ND	U
59		Calibration Check	1/15/2019	1/15/2019	Ethylene oxide	2.24	
60	9010716-05	Replicate	1/4/2019	1/17/2019	Ethylene oxide	0.208	
61	9010808-05	Replicate	1/4/2019	1/17/2019	Ethylene oxide	0.168	
62	9010808-06	Replicate	1/7/2019	1/17/2019	Ethylene oxide	4.04	
63	9010808-07	Replicate	1/7/2019	1/17/2019	Ethylene oxide	3.84	
64	9011101-07	Replicate	1/10/2019	1/18/2019	Ethylene oxide	0.437	
65	9011101-08	Replicate	1/10/2019	1/18/2019	Ethylene oxide	0.347	
66	9011527-01	Replicate	1/13/2019	1/18/2019	Ethylene oxide	0.952	
67	9011527-02	Replicate	1/13/2019	1/18/2019	Ethylene oxide	0.962	
68	9011701-08	Replicate	1/16/2019	1/23/2019	Ethylene oxide	8.02	
69	9011701-09	Replicate	1/16/2019	1/23/2019	Ethylene oxide	7.73	
70	9012221-08	Replicate	1/18/2019	1/24/2019	Ethylene oxide	0.246	
71	9012221-09	Replicate	1/18/2019	1/24/2019	Ethylene oxide	0.321	
72		Blank	1/11/2019	1/15/2019	Ethylene oxide	ND	U
73		Blank	1/14/2019	1/16/2019	Ethylene oxide	ND	U
74		Blank	1/14/2019	1/17/2019	Ethylene oxide	ND	U
75		Blank	1/14/2019	1/18/2019	Ethylene oxide	ND	U
76		Blank	1/16/2019	1/23/2019	Ethylene oxide	ND	U
77		Calibration Check	1/15/2019	1/15/2019	Ethylene oxide	2.24	
78		Calibration Check	1/16/2019	1/16/2019	Ethylene oxide	2.38	
79		Calibration Check	1/17/2019	1/17/2019	Ethylene oxide	2.53	
80		Calibration Check	1/18/2019	1/18/2019	Ethylene oxide	2.39	
81		Calibration Check	1/23/2019	1/23/2019	Ethylene oxide	1.85	
82							
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86							

QC DATA

	H	I	J	K	L	M	N
1	SOURCERES	SPIKELEVEL	RECOVERY	RPD		DL	UNITS
2		1		0.06	0.0453	ppbv	
3		1		2.4	0.0453	ppbv	
4		3.38		0.329	0.0453	ppbv	
5		3.49		2.42	0.0453	ppbv	
6					0.0453	ppbv	
7					0.0453	ppbv	
8		2.55	110			ppbv	
9		2.5	110			ppbv	
10	ND				0.0453	ppbv	
11					0.0453	ppbv	
12		2.5	107			ppbv	
13	0.631			7.8	0.0453	ppbv	
14	0.137			0	0.0453	ppbv	
15					0.0453	ppbv	
16		2.5	82.3			ppbv	
17	0.931			1.14	0.0453	ppbv	
18	1.05			2.87	0.0453	ppbv	
19					0.0453	ppbv	
20		2.5	83.9			ppbv	
21	6.48			1.89	0.0453	ppbv	
22	5.81			6.38	0.0453	ppbv	
23	0.408			1.22	0.0453	ppbv	
24	0.455			2.24	0.0453	ppbv	
25	0.149			24	0.0453	ppbv	
26	0.223			5.54	0.0453	ppbv	
27	1.13			7.17	0.0453	ppbv	
28	1.18			4.72	0.0453	ppbv	
29	1.17			1.17	0.0453	ppbv	
30	1.21			11.9	0.0453	ppbv	
31	0.187			13.8	0.0453	ppbv	
32	0.288			14.5	0.0453	ppbv	
33	1.71			0.824	0.0453	ppbv	
34	1.42			9.48	0.0453	ppbv	
35	5.99			1.87	0.0453	ppbv	
36	5.82			4.69	0.0453	ppbv	
37					0.0453	ppbv	
38					0.0453	ppbv	
39					0.0453	ppbv	
40					0.0453	ppbv	
41					0.0453	ppbv	
42					0.0453	ppbv	
43		2.5	83.9			ppbv	
44		2.5	80.6			ppbv	
45		2.5	72.9			ppbv	
46		2.5	71.7			ppbv	
47		2.5	73.5			ppbv	
48		2.5	77.3			ppbv	
49		2.5	79.8			ppbv	
50	0.788			13.8	0.0453	ppbv	
51	0.658			1.59	0.0453	ppbv	

QC DATA

	H	I	J	K	L	M	N
52						0.0453	ppbv
53						0.0453	ppbv
54		2.5	79.8				ppbv
55		2.5	99.6				ppbv
56	0.219			4.6		0.0453	ppbv
57	0.131			26		0.0453	ppbv
58						0.0453	ppbv
59		2.5	89.6				ppbv
60	0.142			37.8		0.0453	ppbv
61	0.206			20.4		0.0453	ppbv
62	4.2			3.94		0.0453	ppbv
63	3.66			4.78		0.0453	ppbv
64	0.362			18.9		0.0453	ppbv
65	0.379			8.78		0.0453	ppbv
66	0.866			9.47		0.0453	ppbv
67	0.911			5.36		0.0453	ppbv
68	7.86			2.02		0.0453	ppbv
69	7.91			2.42		0.0453	ppbv
70	0.286			15.1		0.0453	ppbv
71	0.327			1.82		0.0453	ppbv
72						0.0453	ppbv
73						0.0453	ppbv
74						0.0453	ppbv
75						0.0453	ppbv
76						0.0453	ppbv
77		2.5	89.6				ppbv
78		2.5	95.3				ppbv
79		2.5	101				ppbv
80		2.5	95.6				ppbv
81		2.5	74.2				ppbv
82							
83							
84							
85							
86			Average Replicate RPD	7.629825			

O	P
1	LABNAME
2	Eastern Research Group
3	Eastern Research Group
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LNOTE

QUALIFIER
U
A-01

LNOTE

DESCRIPTION
Under Detection Limit
Trip Blank passed blank criteria; standard dilution system air used to fill trip blank appears to have small amount of TO-15